BR 3-365N AND BR 3-365S ON NORTH AND SOUTH US 13 OVER RECORDS POND, EAST OF LAUREL

PROJECT SCOPE/DESCRIPTION: This project will rehabilitate existing structures including pile jackets, concrete deck overlay, joint replacement, and upgrade existing bridge rail and guardrail. One lane of traffic on each bridge will be maintained during reconstruction.

PROJECT JUSTIFICATION: These bridges are functionally obsolete and rank 76th and 142nd, respectively, on the department's bridge deficiency list (via the bridge management program).

County: Sussex

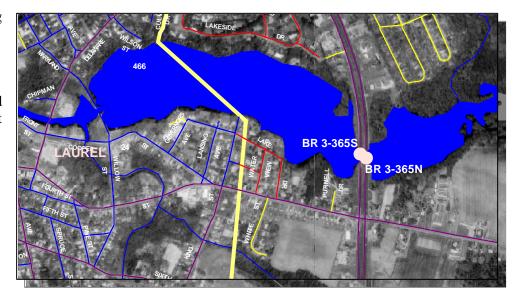
Municipality:

Funding Program: Road System – Bridges

Functional Category: Preservation

Representative District: 40 **Senatorial District:** 21







BR 3-365N AND BR 3-365S ON NORTH AND SOUTH US 13 OVER RECORDS POND, EAST OF LAUREL (CONTINUED)

Bridge 3-365S





BR 3-365N AND BR 3-365S ON NORTH AND SOUTH US 13 OVER RECORDS POND, EAST OF LAUREL (CONTINUED)

Project	Funding Type	Original Estimate	Current Estimate	Authorization	Committed as of 06/30/03	Expended as of 06/30/03	Committed Unexpended as of 06/30/03	Authorization Available
BR 3-365N and BR 3-365S on North and South		ф 1 27 1 0						
US 13 Over Records Pond, East of Laurel		\$ 1,274.0						
Prior Years	State			\$ 387.6	\$ 211.6	\$ 140.4	\$ 71.2	\$ 176.0
THO TOURS	Federal			\$ 886.4	\$ 846.3	\$ 561.7	\$ 284.7	\$ 40.1
	Other			\$ 0.0	\$ 0.0	\$ 0.0	\$ 0.0	\$ 0.0
				, ,,,,	7 223	7	7 313	7 000
FY 2003	State		\$ 1,274.0	\$ 0.0	\$ 0.0	\$ 0.0	\$ 0.0	\$ 176.0
	Federal		. ,	\$ 0.0	\$ 0.0	\$ 0.0	\$ 0.0	\$ 40.1
	Other			\$ 0.0	\$ 0.0	\$ 0.0	\$ 0.0	\$ 0.0
FY 2004 Authorized	State			\$ 0.0				\$ 176.0
	Federal			\$ 0.0				\$ 40.1
	Other			\$ 0.0				\$ 0.0
FY 2005 Projected	State			\$ 0.0				\$ 176.0
-	Federal			\$ 0.0				\$ 40.1
	Other			\$ 0.0				\$ 0.0
FY 2006 Projected	State			\$ 0.0				\$ 176.0
11 2000 110 jected	Federal			\$ 0.0				\$ 40.1
	Other			\$ 0.0				\$ 0.0
FY 2007-2009 Projected	State			\$ 0.0				\$ 176.0
	Federal			\$ 0.0				\$ 40.1
	Other			\$ 0.0				\$ 0.0
Total Projected	State			\$ 387.6	\$ 211.6			\$ 176.0
	Federal			\$ 886.4	\$ 846.3			\$ 40.1
	Other			\$ 0.0	\$ 0.0			\$ 0.0
Total All Funds		\$ 1,274.0	\$ 1,274.0	\$ 1,274.0	\$ 1,057.9	\$ 702.1	\$ 355.8	\$ 216.1

BR 3-365N AND BR 3-365S ON NORTH AND SOUTH US 13 OVER RECORDS POND, EAST OF LAUREL (CONTINUED)

Project #	Description	Phase	Funding Schedule	Current Estimate	Prior Years	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007 -2009
	BR 3-365N and BR 3-365S on North and South US 13 Over Records Pond, East of Laurel	PE	100% ST	\$ 166.0	\$ 166.0	\$ 0.0	\$ 0.0	\$ 0.0	\$ 0.0	\$ 0.0
		С	80% FHWA	1,108.0	1,108.0	0.0	0.0	0.0	0.0	0.0
	Total All Funds			\$ 1,274.0	\$ 1,274.0	\$ 0.0	\$ 0.0	\$ 0.0	\$ 0.0	\$ 0.0

BR 3-376 ON S376 OVER SANDY BRANCH

PROJECT SCOPE/DESCRIPTION: The proposed work for bridge 3376 consists of placing a concrete floor and a new liner in the existing elliptical corrugated metal pipe. Other work shall include placing riprap for scour protection and resurfacing the approach roadway as needed. At least one lane of traffic will be maintained at all times during construction

PROJECT JUSTIFICATION: The existing structure is an elliptical corrugated metal pipe in poor condition due to severe corrosion and complete loss of section along the bottom and at the waterline in several locations. There is also evidence of sag throughout the structure. The bridge is currently ranked 48th on the bridge deficiency list (via the bridge management system).

County: Sussex

Municipality:

Funding Program: Road System – Bridges

Functional Category: Preservation

Representative District: 38 **Senatorial District:** 20

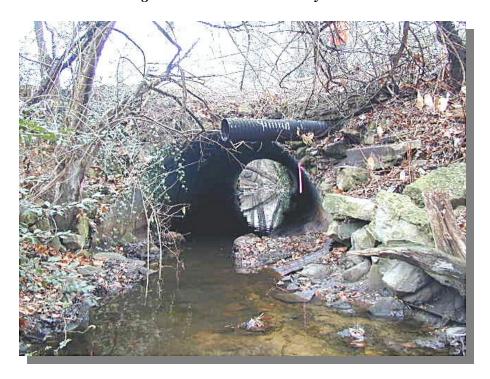






BR 3-376 ON S376 OVER SANDY BRANCH (CONTINUED)

Bridge 3-376 on S376 Over Sandy Branch



Inside Bridge 3-376



BR 3-376 ON S376 OVER SANDY BRANCH (CONTINUED)

Project	Funding	Original	Current	Authorization	Committed	Expended	Committed	Authorization
	Туре	Estimate	Estimate		as of 06/30/03	as of 06/30/03	Unexpended	Available
							as of 06/30/03	
BR 3-376 on S376 Over Sandy Branch		\$ 450.0						
Prior Years	State			\$ 0.0	\$ 0.0	\$ 0.0	\$ 0.0	
	Federal			\$ 0.0	\$ 0.0	\$ 0.0	\$ 0.0	·
	Other			\$ 0.0	\$ 0.0	\$ 0.0	\$ 0.0	\$ 0.0
FY 2003	State		\$ 450.0	\$ 38.0	\$ 38.0	\$ 38.0	\$ 0.0	\$ 0.0
F Y 2003	Federal		\$ 450.0	\$ 38.0	\$ 38.0 \$ 0.0	\$ 38.0 \$ 0.0	\$ 0.0	\$ 0.0
	Other			\$ 0.0	\$ 0.0	\$ 0.0	\$ 0.0	\$ 0.0
	Other			3 0. 0	\$ 0.0	φ 0. 0	ş v.u	ş U.U
FY 2004 Authorized	State			\$ 88.0				\$ 88.0
	Federal			\$ 324.0				\$ 324.0
	Other			\$ 0.0				\$ 0.0
FY 2005 Projected	State			\$ 0.0				\$ 88.0
•	Federal			\$ 0.0				\$ 324.0
	Other			\$ 0.0				\$ 0.0
EV 2007 Products	State			\$ 0.0				¢ 99.0
FY 2006 Projected	Federal			\$ 0.0				\$ 88.0 \$ 324.0
	Other			\$ 0.0				\$ 324.0
	- Culti			Ψ 010				4 010
FY 2007-2009 Projected	State			\$ 0.0				\$ 88.0
9	Federal			\$ 0.0				\$ 324.0
	Other			\$ 0.0				\$ 0.0
T + I D · · · · I	G. A			.	4.300			.
Total Projected	State			\$ 126.0	\$ 38.0			\$ 88.0
	Federal			\$ 324.0	\$ 0.0			\$ 324.0
	Other			\$ 0.0	\$ 0.0			\$ 0.0
Total All Funds		\$ 450.0	\$ 450.0	\$ 450.0	\$ 38.0	\$ 38.1	\$ 0.0	\$ 412.0

BR 3-376 ON S376 OVER SANDY BRANCH (CONTINUED)

Project #	Description	Phase	Funding Schedule	Current Estimate	Prior Years	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007 -2009
20-073-02	BR 3-376 on S376 Over Sandy Branch	PE	100% ST	\$ 38.0	\$ 0.0	\$ 38.0	\$ 0.0	\$ 0.0	\$ 0.0	\$ 0.0
		RW	100% ST	7.0	0.0	0.0	7.0	0.0	0.0	0.0
		С	80% FHWA	405.0	0.0	0.0	405.0	0.0	0.0	0.0
	Total All Funds			\$ 450.0	\$ 0.0	\$ 38.0	\$ 412.0	\$ 0.0	\$ 0.0	\$ 0.0

BR 3-526 AND BR 3-527 ON US113 OVER BETTS POND, MILLSBORO

PROJECT SCOPE/DESCRIPTION: This project consists of eplacing Bridge 3-527 with concrete frame structure and sheet pile spillway; replacing Bridge 3-526 with concrete box; placing timber guardrail at bridge approaches; and stabilizing slopes. Construction has been coordinated with pavement reconstruction on US113.

PROJECT JUSTIFICATION: These bridges have low structural capacity and narrow width. Both bridges are structurally deficient and rank 59th and 8th, respectively, on the department's bridge deficiency list (via the bridge management program).

County: Sussex

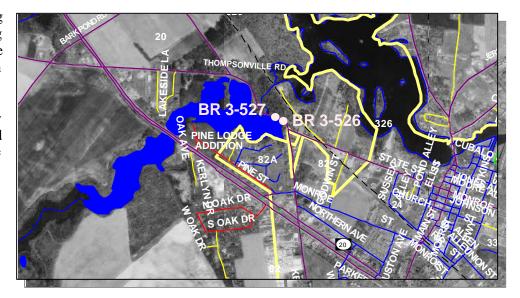
Municipality:

Funding Program: Road System – Bridges

Functional Category: Preservation

Representative District: 41 **Senatorial District:** 20







BR 3-526 AND BR 3-527 ON US113 OVER BETTS POND, MILLSBORO (CONTINUED)

Project	Funding Type	Original Estimate	Current Estimate	Authorization	Committed as of 06/30/03	Expended as of 06/30/03	Committed Unexpended as of 06/30/03	Authorization Available
BR 3-526 and BR 3-527 on US113 Over Betts Pond, Millsboro		\$ 1,200.0						
Over Betts Fond, Minisporo		\$ 1,200.0						
Prior Years	State			\$ 1,200.0	\$ 384.0	\$ 262.1	\$ 122.0	\$ 816.0
	Federal			\$ 0.0	\$ 0.0	\$ 0.0	\$ 0.0	\$ 0.0
	Other			\$ 0.0	\$ 0.0	\$ 0.0	\$ 0.0	\$ 0.0
FY 2003	State		\$ 1,200.0	\$ 0.0	\$ 0.0	\$ 0.0	\$ 0.0	\$ 816.0
	Federal		. ,	\$ 0.0	\$ 0.0	\$ 0.0	\$ 0.0	\$ 0.0
	Other			\$ 0.0	\$ 0.0	\$ 0.0	\$ 0.0	\$ 0.0
FY 2004 Authorized	State			\$ 0.0				\$ 816.0
F I 2004 Authorized	Federal			\$ 0.0				\$ 0.0
	Other			\$ 0.0				\$ 0.0
FY 2005 Projected	State			\$ 0.0				\$ 816.0
11 2005 Frojected	Federal			\$ 0.0				\$ 0.0
	Other			\$ 0.0				\$ 0.0
FY 2006 Projected	State			\$ 0.0				\$ 816.0
r i 2000 r i ojected	Federal			\$ 0.0				\$ 0.0
	Other			\$ 0.0				\$ 0.0
TW 2007 2000 D	Gr. 4			Φ. 0.0				Φ. 01.6.0
FY 2007-2009 Projected	State Federal			\$ 0.0 \$ 0.0				\$ 816.0 \$ 0.0
	Other			\$ 0.0				\$ 0.0
Total Projected	State			\$ 1,200.0	\$ 384.0			\$ 816.0
	Federal			\$ 0.0	\$ 0.0			(\$0.0)
	Other			\$ 0.0	\$ 0.0			\$ 0.0
Total All Funds		\$ 1,200.0	\$ 1,200.0	\$ 1,200.0	\$ 384.1	\$ 262.1	\$ 122.0	\$ 815.9

BR 3-526 AND BR 3-527 ON US113 OVER BETTS POND, MILLSBORO (CONTINUED)

Project #	Description	Phase	Funding Schedule	Current Estimate	Prior Years	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007 -2009
	BR 3-526 and BR 3-527 on US113 Over Betts Pond, Millsboro	С	100% ST	\$ 1,200.0	\$ 0.0	\$ 1,200.0	\$ 0.0	\$ 0.0	\$ 0.0	\$ 0.0
	Total All Funds			\$ 1,200.0	\$ 0.0	\$ 1,200.0	\$ 0.0	\$ 0.0	\$ 0.0	\$ 0.0

BR 3-815N ON SR 1 NORTHBOUND OVER WAPLES POND

PROJECT SCOPE/DESCRIPTION: This project consists of replacing the concrete slab bridge with a prestressed concrete adjacent box beam bridge; making safety improvements at approaches; and placing riprap to prevent scour at the foundation.

PROJECT JUSTIFICATION: This bridge is low capacity and ranks 68th on the department's bridge deficiency list (via the bridge management program).

County: Sussex

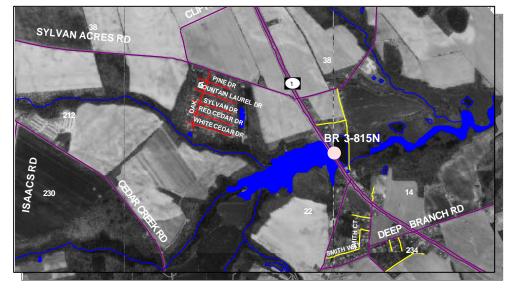
Municipality:

Funding Program: Road System – Bridges

Functional Category: Preservation

Representative District: 36 **Senatorial District:** 18







BR 3-815N ON SR 1 NORTHBOUND OVER WAPLES POND (CONTINUED)

Bridge 3-815N





BR 3-815N ON SR 1 NORTHBOUND OVER WAPLES POND (CONTINUED)

Project	Funding Type	Original Estimate	Current Estimate	Authorization	Committed as of 06/30/03	Expended as of 06/30/03	Committed Unexpended as of 06/30/03	Authorization Available
BR 3-815N on SR 1 Northbound Over Waples Pond		\$ 1,057.2						
		, ,,,,						
Prior Years	State			\$ 236.4	\$ 203.5	\$ 170.7	\$ 32.9	\$ 32.9
	Federal			\$ 820.8	\$ 811.8	\$ 682.8	\$ 129.0	\$ 9.0
	Other			\$ 0.0	\$ 0.0	\$ 0.0	\$ 0.0	\$ 0.0
FY 2003	State		\$ 1,057.2	\$ 0.0	\$ 0.0	\$ 0.0	\$ 0.0	\$ 32.9
	Federal			\$ 0.0	\$ 0.0	\$ 0.0	\$ 0.0	\$ 9.0
	Other			\$ 0.0	\$ 0.0	\$ 0.0	\$ 0.0	\$ 0.0
777.2004.1.17.1.1	a							
FY 2004 Authorized	State			\$ 0.0				\$ 32.9
	Federal			\$ 0.0 \$ 0.0				\$ 9.0 \$ 0.0
	Other			\$ 0.0				\$ 0.0
FY 2005 Projected	State			\$ 0.0				\$ 32.9
•	Federal			\$ 0.0				\$ 9.0
	Other			\$ 0.0				\$ 0.0
FY 2006 Projected	State			\$ 0.0				\$ 32.9
	Federal			\$ 0.0				\$ 9.0
	Other			\$ 0.0				\$ 0.0
FY 2007-2009 Projected	State			\$ 0.0				\$ 32.9
	Federal			\$ 0.0				\$ 9.0
	Other			\$ 0.0				\$ 0.0
Total Projected	State			\$ 236.4	\$ 203.5			\$ 32.9
Tomi Trojecteu	Federal			\$ 820.8	\$ 811.8			\$ 9.0
	Other			\$ 0.0	\$ 0.0			\$ 0.0
				+	7 713			7 77
Total All Funds		\$ 1,057.2	\$ 1,057.2	\$ 1,057.2	\$ 1,015.3	\$ 853.5	\$ 161.9	\$ 41.9

BR 3-815N ON SR 1 NORTHBOUND OVER WAPLES POND (CONTINUED)

Project #	Description	Phase	Funding Schedule	Current Estimate	Prior Years	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007 -2009
	BR 3-815N on SR 1 Northbound Over Waples Pond	PE	100% ST	\$ 21.2	\$ 21.2	\$ 0.0	\$ 0.0	\$ 0.0	\$ 0.0	\$ 0.0
		RW	100% ST	10.0	10.0	0.0	0.0	0.0	0.0	0.0
		С	80% FHWA	1,026.0	1,026.0	0.0	0.0	0.0	0.0	0.0
	Total All Funds			\$ 1,057.2	\$ 1,057.2	\$ 0.0	\$ 0.0	\$ 0.0	\$ 0.0	\$ 0.0

INDIAN RIVER BRIDGE AND AREA IMPROVEMENTS

PROJECT SCOPE/DESCRIPTION: The proposed structure is a 1000' span concrete arch with cable supported roadway and two – 150' approach spans. The proposed alternative was chosen from a selection of eight alternatives during the public involvement process. The roadway cross section, for both North and South bound SR 1, will consist of two 12' lanes, 10' outside shoulder, and a four-foot median shoulder. A 12' wide pedestrian and bicycle walkway will be provided on the East side of the structure. A vertical clearance, over the inlet, of 45' is being investigated as the probable clearance for the bridge.

PROJECT JUSTIFICATION: The swift current of the Indian River Inlet necessitates the constant need to replace the riprap placed adjacent to the piers for scour protection.



Municipality:

Funding Program: Road System - Bridges

Functional Category: Preservation

Representative District: 38 **Senatorial District:** 20

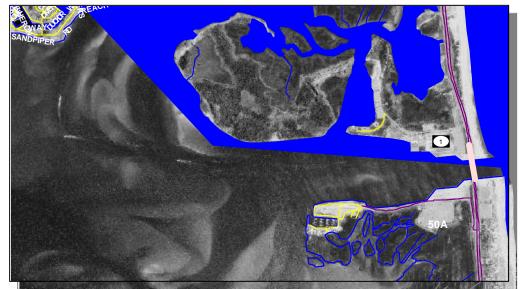












1940 Bridge Over Indian River Inlet



Current Bridge



Proposed New Indian River Bridge



Project	Funding Type	Original Estimate	Current Estimate	Authorization	Committed as of 06/30/03	Expended as of 06/30/03	Committed Unexpended as of 06/30/03	Authorization Available
Indian River Bridge and Area Improvements		\$ 70,000.0						
Prior Years	State			\$ 0.0	\$ 0.0	\$ 0.0	\$ 0.0	\$ 0.0
	Federal			\$ 0.0	\$ 0.0	\$ 0.0	\$ 0.0	\$ 0.0
	Other			\$ 0.0	\$ 0.0	\$ 0.0	\$ 0.0	\$ 0.0
FY 2003	State		\$ 70,000.0	\$ 2,000.0	\$ 2,000.0	\$ 63.9	\$ 1,936.1	\$ 0.0
	Federal		+,	\$ 3,500.0	\$ 0.0	\$ 0.0	\$ 0.0	\$ 3,500.0
	Other			\$ 0.0	\$ 0.0	\$ 0.0	\$ 0.0	\$ 0.0
FY 2004 Authorized	State			\$ 64,500.0				\$ 64,500.0
F1 2004 Authorized	Federal			\$ 0.0				\$ 3,500.0
	Other			\$ 0.0				\$ 0.0
FY 2005 Projected	State			\$ 0.0				\$ 64,500.0
	Federal			\$ 0.0				\$ 3,500.0
	Other			\$ 0.0				\$ 0.0
FY 2006 Projected	State			\$ 0.0				\$ 64,500.0
	Federal			\$ 0.0				\$ 3,500.0
	Other			\$ 0.0				\$ 0.0
FY 2007-2009 Projected	State			\$ 0.0				\$ 64,500.0
112007 2005 110Jeeted	Federal			\$ 0.0				\$ 3,500.0
	Other			\$ 0.0				\$ 0.0
Total Projected	State			\$ 66,500.0	\$ 2,000.0			\$ 64,500.0
	Federal			\$ 3,500.0	\$ 0.0			\$ 3,500.0
	Other			\$ 0.0	\$ 0.0			\$ 0.0
Total All Funds		\$ 70,000.0	\$ 70,000.0	\$ 70,000.0	\$ 2,000.0	\$ 63.9	\$ 1,936.1	\$ 68,000.0

Project #	Description	Phase	Funding Schedule	Current Estimate	Prior Years	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007 -2009
21-076-05	Indian River Bridge and Area Improvements	PE	100% ST	\$ 2,000.0	\$ 0.0	\$ 2,000.0	\$ 0.0	\$ 0.0	\$ 0.0	\$ 0.0
		PE/C	100% DISC FHWA	3,500.0	0.0	3,500.0	0.0	0.0	0.0	0.0
		С	ST ST	64,500.0	0.0	0.0	64,500.0	0.0	0.0	0.0
	Total All Funds			\$ 70,000.0	\$ 0.0	\$ 5,500.0	\$ 64,500.0	\$ 0.0	\$ 0.0	\$ 0.0